Kart: philosophy

0688

Roughly like Blue-sky R&D, Geophysical Year, Space exploration. Uses foggy but IT's tangible "progress."

DOLPHIN → MAZE RAT.

KART

0688

Steps:

1. ~~Ascertain~~ availability of chassis & cost of leasing; suitability of lease terms
2. Ascertain connectabilities in system.
3. Design inside of control rig

If approved:
Build control rig
LET ANIMAL WORK LIGHTS WITH IT

Build car.

CONSIDERATIONS ON THE DELPHIMOBILE. I. Philosophy
CONTROL YOKE AND RIGGING
II. Mechanics 1) Chassis and power supply.

2) Cabin

3) Control Yoke

4) Rigging the Control Mechanism

II. There are all kinds of ways to try to build a dolphin car. However, some are more feasible than others.

Given the choice of configuration, then, my reasoning is as follows: we could a) build it from scratch, or b) attempt to compile existing components into a working unit. Only the latter would seem feasible in terms of available money, facilities and skills.

1) The choices of power and type of chassis narrow down rather quickly. I cannot be convinced that any schemes for getting the animal around dry land using its own power are feasible. Steam and rockets are out. So is anything complicated. Gasoline engines would bring in new problems of maintenance, as well as frightening the animal half to death. Therefore it seems to me that the only possible power source, considering our available money, facilities and skills, would be that of an electric conveyance of some sort.

para Several different sorts of electric carriages are available, some of them for lease.

In general they consist of a control section and the flat bed itself, with motor, batteries and wheels distributed as is convenient for the design. The old-fashioned truck has a tiller in direct connection with the front wheels. Newer models have fancier steering, even electrical, with

with start-and-stop controls somewhat jazzed up in appearance.

Regardless of controls, all these designs have a large perpendicular section at the front for operator or automatisms, directly blocking the cargo's vision.

Given that the animal needs an unobstructed view of road or track conditions, and given that mirrors would tend to obfuscate the

baffle the animal, make observers suspicious, and reduce the elegance of the achievement, (if any,) there are two alternative possibilities. First, the animal could be raised to such a height as to look over the front, which would materially increase his chances of being dislodged, or tipping the machine over in a turn. Second, he could be mounted backwards (from the chassis-manufacturer's point of view,) This would materially affect the "feel" of the steering. However, considering the animal's experience, this is unimportant. (Indeed, this is probably closer to his own experience, since the animal customarily steers by bending the tail or feathering the fluke, while bending his head-- "forward" steering, as on a car or bicycle-- does not alter his direction.)

2) The other piece of crude hardware required is some sort of cabin in which the animal may be made reasonably comfortable, and in which he may be presented with the controls. There are basically three different ideas of what this might be. One posibility is a large transparent tank of water in which the animal might move around some-- say, 4'x4'x8'. Unfortunately, even ignoring structural problems, this involves a weight of water of roughly 8,320 pounds, dolphin-plus While trucks rated for this weight are available, there does not seem to be much purpose in transporting so much water around. Moreover, considerable slosh would be engendered. While electric trucks have some resistance to water, it is obvious that this should be minimized.

The same considerations apply to building a cabin similar to the current "plexiglas tanks" extending from the upstairs pool. The danger of spilling water, and thereby suddenly throwing weight upon the animal's flipper, for instance, as well as the time involved in filling it by hose, etc., make this also an awkward arrangement.

The setup which I would favor is also, coincidentally, the simplest: that of fastening an ordinary dolphin carrying-case onto the bed of the truck, by preplaced bolts, cleats, strapping, or whatever is best suited to the truck used.

What is important is that the animal have a sense of "presence" in his surroundings and the ability to relax somewhat in the case. ~~This might be done by having practice sessions with the animal in the case~~ In addition, there should be padding enough that changes in velocity or direction shall not be bumped or scratched.

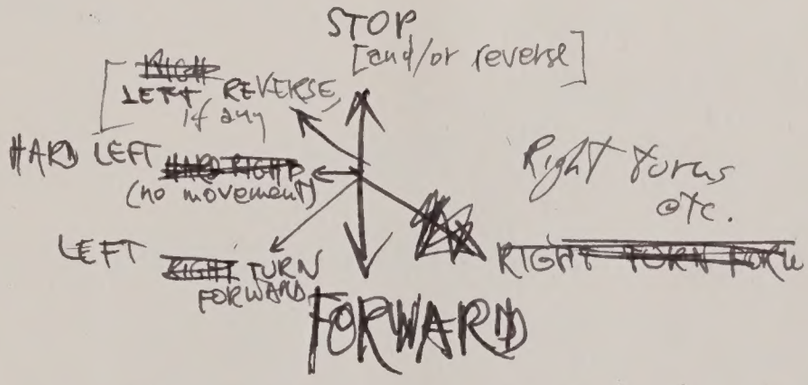
~~The~~ Connecting ~~v~~ to levers or push buttons in the simplest drive and steering electromechanical way would not yield a rig that the animal could learn, or "comprehend," readily.

the (dolphin-machine ~~detective~~ interface) 3

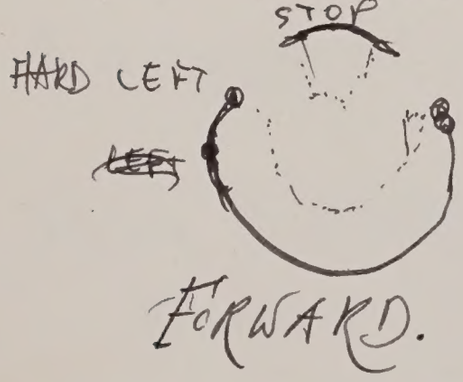
3) The problem of ~~a~~ control yoke is the most difficult. internal simplicity needs to be
Offhand it would seem that ~~simple motions~~ sacrificed for heuristic simplicity to the dolphin, rather than the other ~~a~~ way around.
To be blunt, I think I have a good idea for the design of the yoke, but I'm not sure how to set ~~it~~ up its mechanics.

~~It seems~~

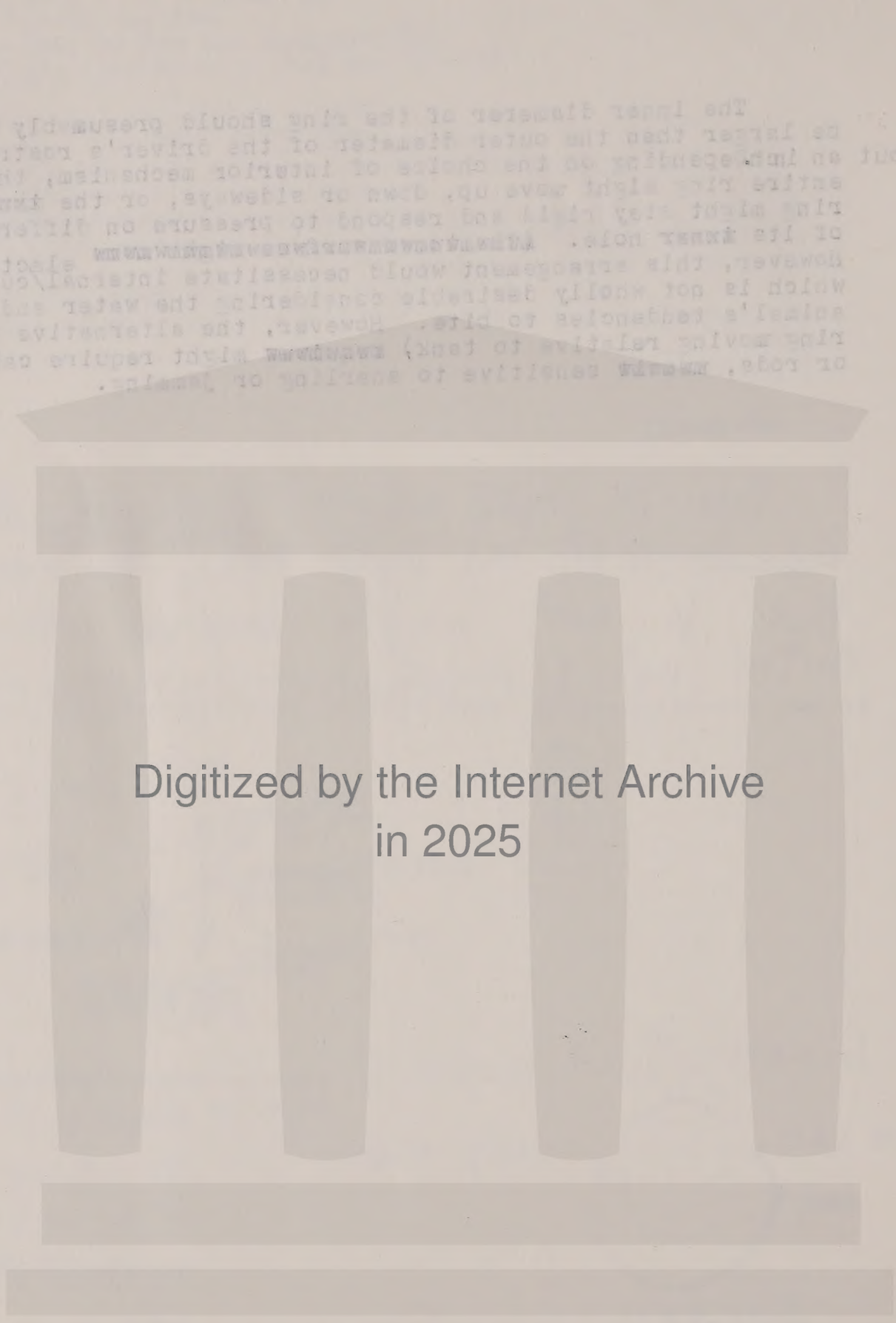
Take the simplest motions. One speed forward, ~~and back~~, left and right turn, ~~and~~ how may possibly reverse ~~These~~ be most simply comprised into one control rig? I propose a ring-shaped control, movable in two dimensions only, with 360° of possible movement, viz.:



However, without reverse it ~~would probably be~~ might be beneficial to expand the 'physiognomic space' of the control for ~~a wider variety of~~ a wider spacing of the gradations of forward motion.



The inner diameter of the ring should presumably be larger than the outer diameter of the driver's rostrum, say, by about an inch. Depending on the choice of interior mechanism, the entire ring might move up, down or sideways, or the ring might stay rigid and respond to pressure on different sides of its hole. However, this arrangement would necessitate internal electric currents, which is not wholly desirable considering the water and the animal's tendencies to bite. However, the alternative (rigid ring moving relative to tank) might require cables or rods, sensitive to snarling or jamming.



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MLD 9/L@2

ELVAR not merely boisterous, but
a STABILIZED PRODUCT

(We have no reason to think Elvar has strong internal commitments; he could prob. change in dft directions as crooks [styles of operation related to ~~it~~] were gratifyingly rewarded ('adjacent') (→ ecolog. ~~adv of the view~~ adaptive)

GOFFMAN: insane-asylum behavior a way of 'making out' in a specialized environment

IN OCEANARIA (& in lab tubs) clapping of paws

STANTON & SCHWARTZ: 'psychotic symptoms' expressions of defiance

PROBLEMS OF MOTIVATING THE LABORATORY DOLPHIN

Operating procedures have been devised in psychology for the effective handling of a number of kinds of animals: rats, monkeys, and human beings figure most prominently among these. At the Communication Research Institute we have been working with the dolphin tursiops truncatus, a creature different in vital respects from all these others. In this brief paper I wish to discuss some of the curious features of tursiops as a member of the laboratory, and some of the interesting problems associated with experimenting on a whimsical, intelligent nonhuman. I wish particularly to look at the problems of providing incentives to someone outside customary human or animal incentive channels, as a problem in social psychology, and in large, as a problem in organizational sociology. The approach is anecdotal; the interest is theoretical. If any of the examples should be doubted, or should seem to suffer from false interpretation or emphasis, the reader is free to substitute the word "Martian" for "dolphin," in the interest of understanding the theoretical problem.

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NOTES ON THE USES AND POSSIBILITY OF AN AUTOMATIC FEEDER

There are a number of possible uses for an automatic dolphin feeder. To the experimental psychologist it might seem ~~s~~ important as an automatic rewarding device, one which will put the animal under "program control" in the Skinnerian sense.

MLD o/L ①

INTRO

Observations at oceanaria : social beh
(these aren't natural

FEEDING TIME AS PLAY

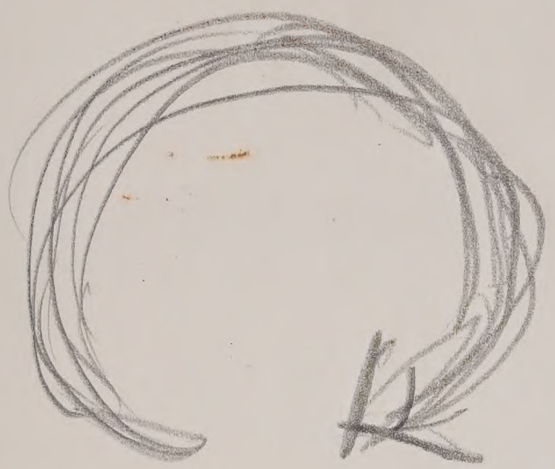
Elvar splashing & throwing water

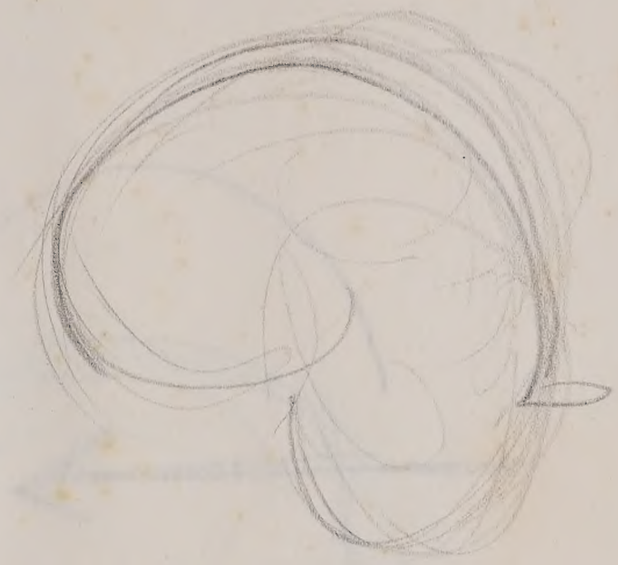
Elvar's great interest in activity & company
Elvar's appearance of interest in performing well

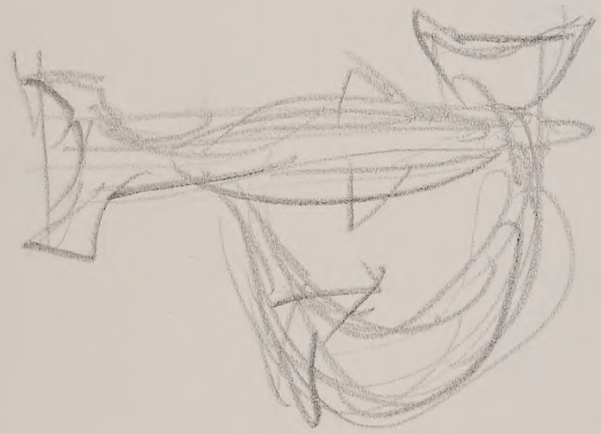
PROBS OF MOTIVATING NONWESTERN HUMANS

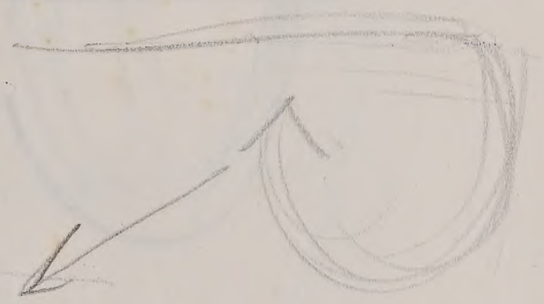
Parsons treats as prob. of interest in far-flung rewards

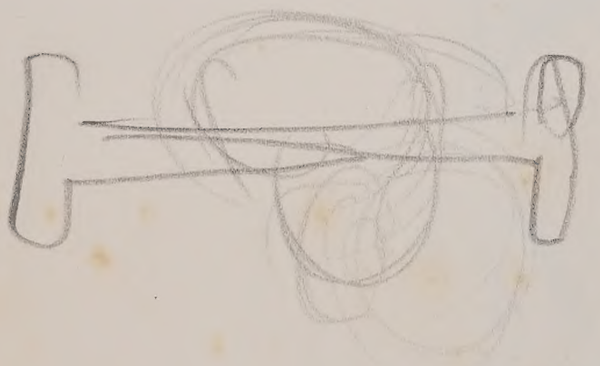
DEFERMENT OF GRAT. (who?) as traditional emphasis
in psychology of social classes

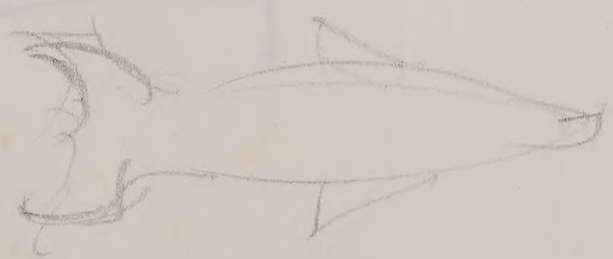


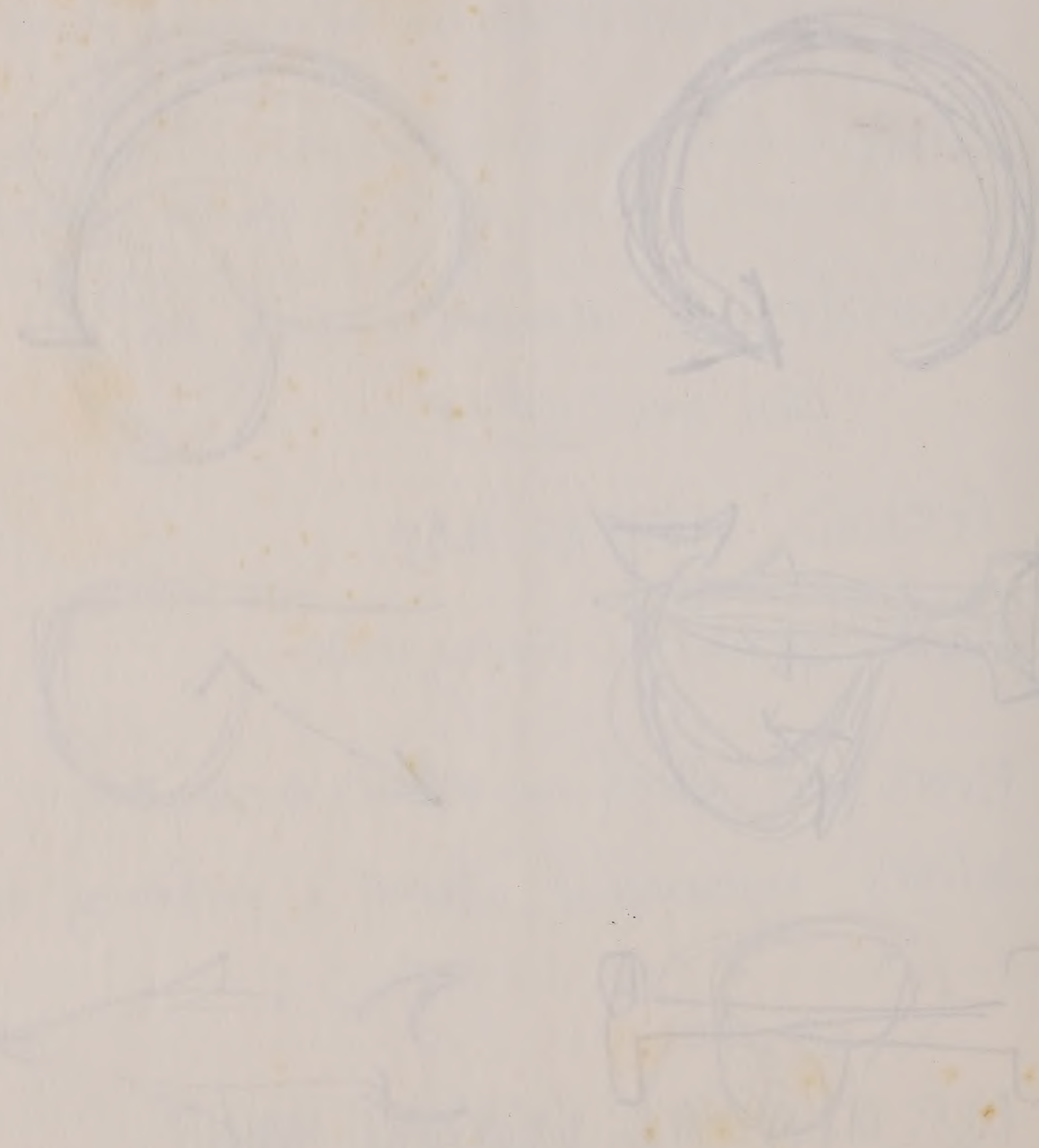


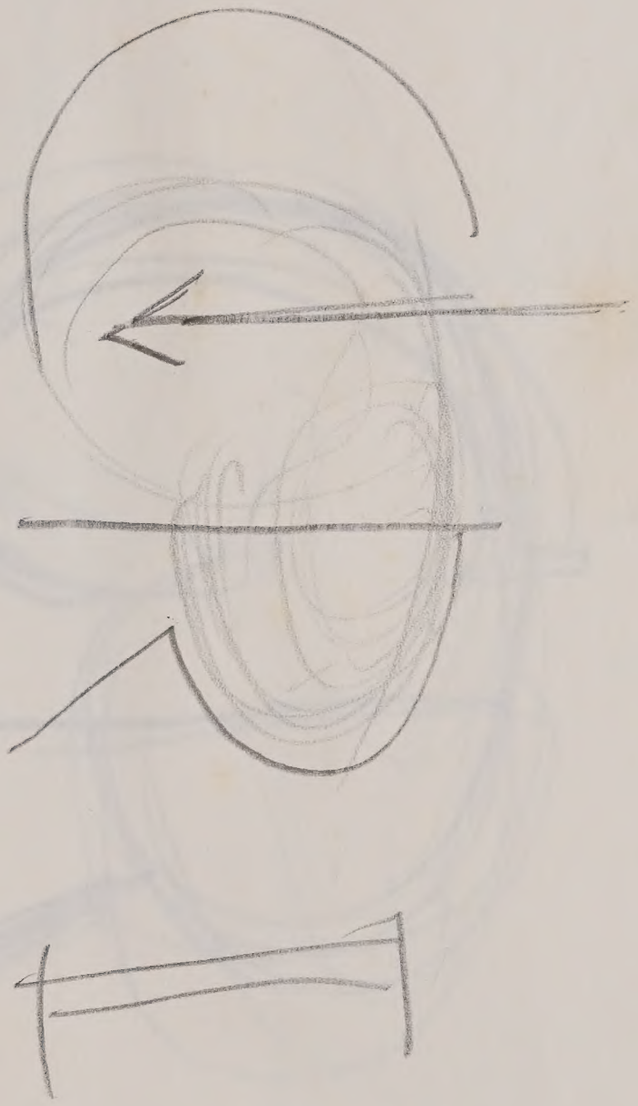


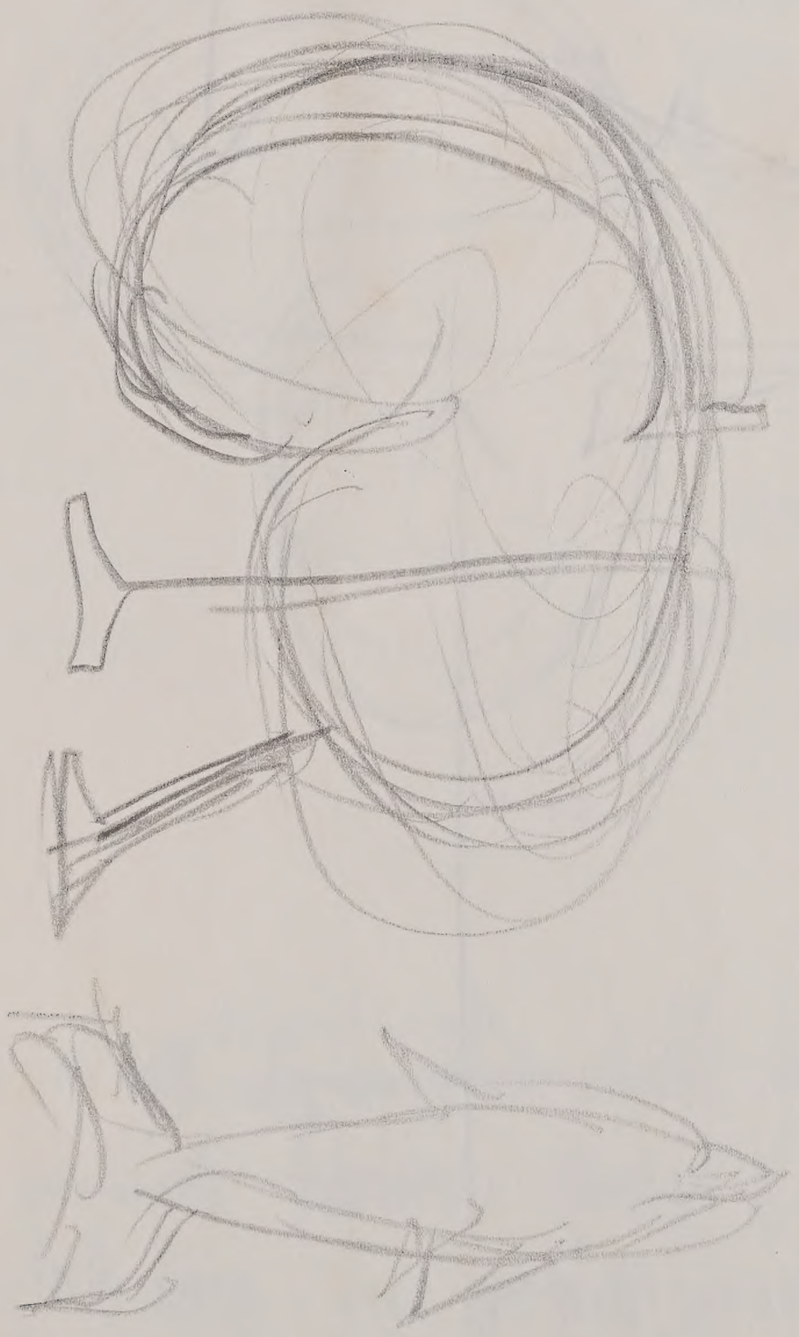


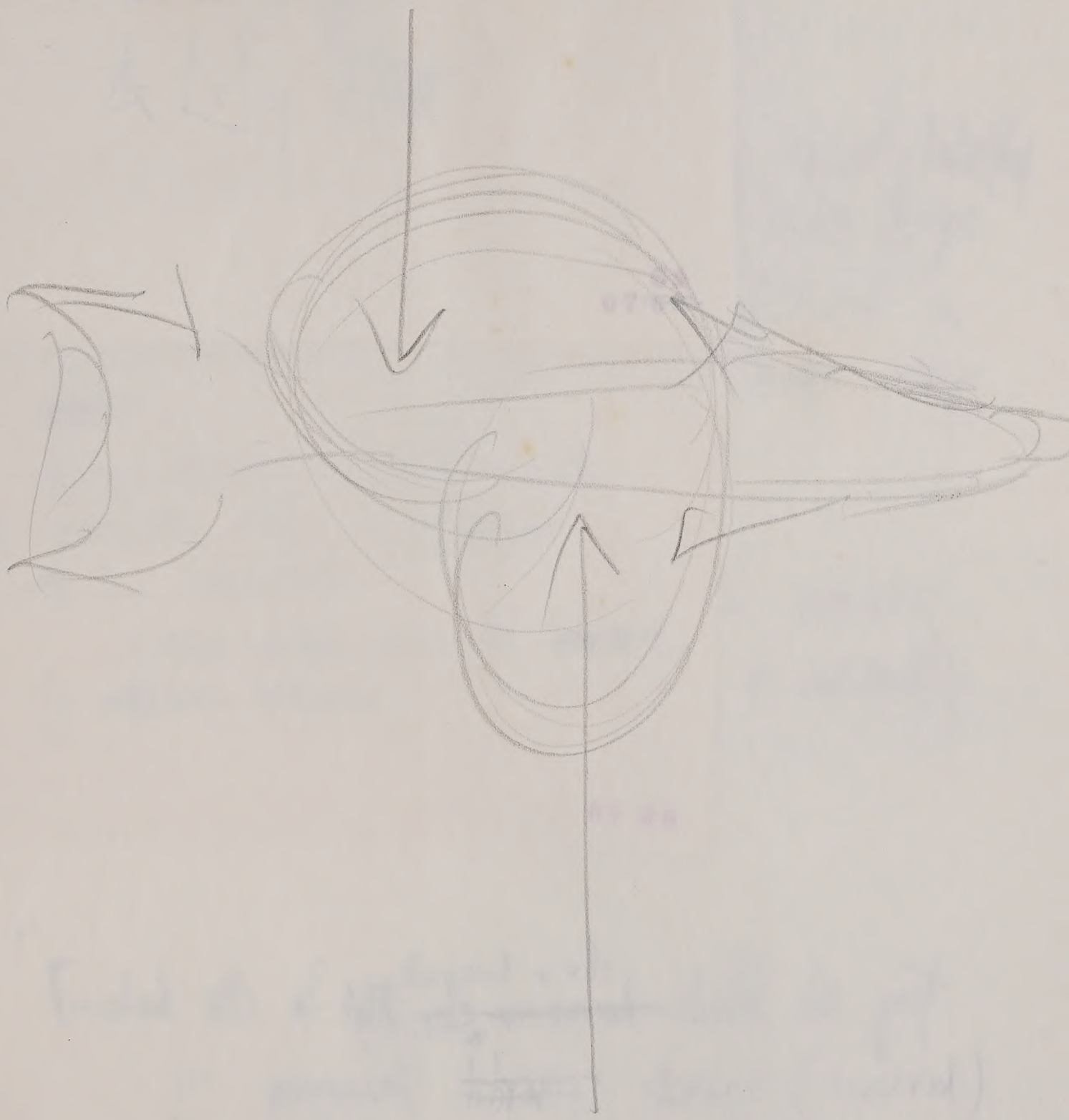












MLD

So much of their fun comes from teasing people.

0684

MLD

LIKE AN INSANE ASYLUM. Get a Getaway Cilation.

0684

MLD

Sociology ~~and~~ knows people not so easily motivated to interest, effort, dedication.

~~Parsons~~, F. Kluckhohn has attributed lower efforts & aspirations of lower class (& their susceptibility to hopes requiring sustained effort) to "fundamental" value-orientations with respect to achievement.

Parsons, following Weber, has devoted much attention to internalization of norms... as ~~one as~~ permitting this regimen.

0684

MLD

People motivated to please others, participate socially, by an entire network of gratifications ~~and~~ associated with this — ~~not to mention~~ and longterm plans and hopes.

0684

MLD

Ψ underestimates prerequisites of rendering individuals subject to a motivational system.
(E.g. a tribe, organization.)

0684

Epis / ΠΠΨ

ΠΠΨ may be one of those things which usefully goes by the same name even in various interesting transmutations. This is acceptable provided that the old form, or something closer to it, does not exist side-by-side with the supposedly transmuted kind. This would be a terminological fooling of "sexual energy" in (translated) Freud.

0671

MLD

"COMMUNICATION"
has DETERRENT aspect

→ The Platonic dialog, rather than being some ~~[illegible]~~ truly basic communication process which is customarily disregarded, but is

0687

EPIS / TTY

Spurious, operationalist, fiat,

Calling anything round and pointy a spade, while in fact the term (e.g. 'territoriality') may best be reserved precisely for a certain group of things which will become blurred etc. if we enlarge it in just any direction.

0671

MLD

Lab dolphin odd case. Not 'reinforcement'

Needs sustaining structure of motivations.

0684

D&P

(While oceanaria say "porpoises," ...)

... the scientific community more or less unanimously follows the distinction set forth by Norman and Frazer in their definitive Handbook of Whales and Giant Fishes (London 1?7?) / To Norman & Fraz

(quote?)

The conspicuous distinguishing trait is the ~~no~~ beak of the animal. (It is not to be called a nose. ~~The~~ My nose ~~is~~ opens at the top of his head, ~~at the~~ at the blowhole.)

0685

MLD.

ACTH, INSX, SGY, TP

'Orderly' behavior requires complicated interweaving of motivational and incentive patterns, such that all will contribute & participate.

Though breakthroughs may occur, such that someone will see his ~~own not~~ best interests as outside the pattern, it will be DAMPED, so that others will react to quell him, or close ranks where he had been (no chain reaction.)

0687

D&P

~~A la~~

Dolphins and porpoises are members of the cetacean family. ~~A large~~ big cetacean is called a whale. A small cetacean is called a dolphin or a porpoise, unless it is going to become grow into a big cetacean.

~~Whale The~~

0683

0685

MLD

Use of a Point System (like gold stars for a kindergartner) implies a final gratification. They'll understand

0684

DOLPHIN CART

0685

Shock → fun → drown

Fail-safe

Secure mounting of case

Hard Polyethylene sheeting?

LEFT OUT
of movie script
& Lolly letter

09
07 ~~08~~

O

I have put in musical cues where needed for a particular effect, though it should be ~~least~~ used often where not so marked.

~~We can pro~~

Though a couple of cuts will have to be purchased, we can save money by experimenting with Iron Curtain LPs, music students and electronic experimenters. There can be no doubt that music is necessary.

0706

0

Length est.: 50 min.
(about that of Kon-Tiki &
Annapurna, The Silent World.)

07 07

0

Sketchy descrip. of shots. Don't misinterpret.

0706

12→13

... How little we knew of the remarkable creatures that lived near the surface of the sea.

0706

0

LAB WORK:

Excerpts, vignettes, repeats, B&W, stop motion

150.

Padding 16 fps to 24 fps

0706

6

Dolphins were the first cetaceans to be kept in captivity, ~~[illegible]~~ in 1914. That makes sense, of course. Who has room, or food, for one of the bigger whales?

Marineland, in Florida, was the first place that kept a permanent colony of dolphins in deep water.

0706

M&D

...and everything we say here about dolphins presumably applies to whales too. There is nothing against calling them whales, just like the bigger ones — but scientists use the word "cetaceans" for all of them, to avoid confusion.

07 06

Lilly: Strategies

0698

1) TOTAL COLOR DUPES
plus COLOR DUPE

2) ONE BIG FILM
& maybe a couple small

3) A

B&W dupes?

Partial dupes?

~~Eight~~ brain surgeons, neuroanatomists from all over country.

1 animal was resuscitated with respirator, I had devised.

07 05

~~Animi~~

Animal who was resuscitated was still not perfectly well. He was shipped water in his blowhole.

Other dolphs came to rescue (a well known behavior)

07 05

INTENDED ORGANIZATION OF
~~FILM LIBRARY~~ ~~ORGANI~~

'Topical cores' separated by clearly labelled and punch-numbered leader strips. These may be re-sequenced in a number of major ways quickly.

OR

Short cores, ready for a number of different kinds of assembly.

Finished sets of ~~A&B~~, ~~rolls w sound~~ & sound rolls should be put in permanent ~~library~~ storage (insured.) We should keep one perfect print as backstop, and have one or two prints for showing.

(Note: ~~Col~~ Colborn's release services.)

(To JCL viz. script)

There may be more hokum in this than strictly necessary, but certainly no more than is the birthright of any producer of documentaries.

(To be continued)

0.

(Memo to JCL to accompany script

THE FILMS ARE IN HARUM-SCARUM ORDER, with NONCE SPLICING, PROGRESSIVELY DEGENERATING.

Time for a strategy decision to decide one set of things to do well.

This script is not a standard production script, written from scratch, but rather one built from the films already on hand, striving for the maximum impact, best content and highest information that can be put into it. My experience is that documentary films before an alert audience can carry a great deal more information than they ordinarily do. What with New Yorker cartoons and Flipper, public dolphin-consciousness is high and will be high, and so audiences will be perhaps not just alert but excited.

The reason I emphasize sound and music here is from a longstanding conviction that the frosting on a film -- the final but most important touch -- is a rich sound track. Fans of the picture King Solomon's Mines know this very well.

THIS MAY BE LONGER THAN REQUIRED.

PRODUCTION SCHEDULE & BUDGET

"Man & Dolphin" (incl. org. of files

	time	cost
Listing, de-reeling & de-editing	3 weeks	—
Assembly of "long version" ~~put together~~	2 weeks	—
Whittling down, re-sequencing & finishing script	2 weeks	—
Shooting new footage, some synched	1 week	1600 —
~~Synch sound~~		
Preparation of A&B rolls	3 weeks	
Recording & assembly of sound	3 weeks	
Synchronization	3 days	
Correction & approval of answer print, ~~corrected~~ (parity lab/ag)	2 weeks	
PREPARATION OF ONE FINISHED PRINT		
~~FINISHED PRINT~~	19 weeks	

(BUDGET)

Black Leader (for A&B use) 3000 ft. 60.00

REPLACEMENT PRINTS (color)
WORK PRINTS (black & white)

New photography (1000ft.) 100.00
"Stretching" 16 fps to 24 fps for 300 feet of f/n 100.00

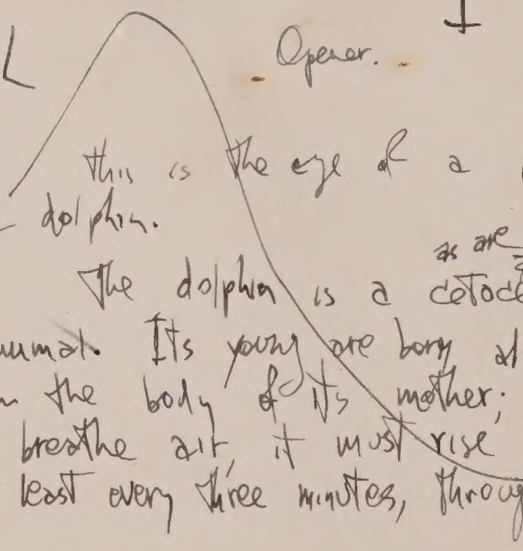
Artype 5.00

Transcription to optical sound

Transcription to
16mm Mag tape, $25/1000 ft, 4000 ft 125.00
Transcription charges 25.00
Moviola rental, Guild Studios (2-track optical, 3 track mag. sound) 75.00
3 days

D & L

Opener. 1



This is the eye of a living creature. It is the eye of a dolphin.

The dolphin is a cetacean; a cetacean is a mammal. Its young are born alive; the baby drinks milk from the body of its mother; and ~~it must~~ as are the whales and porpoises. to breathe air, it must rise to the surface of the water, at least every three minutes, throughout its life. [Gasp!]

07 00

(TEASER VERSION OF BEGINNING)

We see a faint spot in the upper right.

A beam of light searches out the spot. It is the eye of the Old Bull, and a green glint comes from the tapetum. The animal rises to breathe.

A closeup of Old Bull's eye, in orange light, looking around.

(We hear the sound of water rippling slowly in the tank.)

(Gasp!)

(Ripple sound coincides with change of shot. Water is the only sound for ten seconds more, except the slight gasp when the animal breathes.)

(In an FM style of announcing: narration:)
This is the eye of a living creature.

It is the eye of a cetacean.

The cetaceans are a group of mammals that went into the water millions of years ago.

The big cetaceans are called whales. This one is a little one, about seven feet long, called a dolphin.

This dolphin is in a laboratory.

MS Old Bull, at an angle, bathed in orange light, staring carefully, inscrutably at the camera.

(In white, dignified lettering, the titles fade in:)

MAN AND DOLPHIN
(Title fades. Beam of light moves. Animal breathes.)
(Fade in below that:)
Filmed at the
COMMUNICATION RESEARCH INSTITUTE
Miami, Fla. and St. Thomas, V.I.
(Fade out. Fade in:)
Written and directed by
Ted Nelson
Based on the book by
JOHN C. LILLY

We see a light spot in the upper right

A beam of light searches out then spot.
It is the eye of the Old Bull, and a
green glint comes from the tapetum.
The animal rises to breathe.
in orange light,
A closeup of Old Bull's eye,\looking and
around.

MS Old Bull, ajr an angle, shaking:
bathed in orange light, staring
carefully, inscrutably at the camera

(We hear the sound of water rippling
slowly in the tank.)

(Gasp!)

(Ripple sound coincides with change
of shot.) Water is the only
sound for ten seconds more, except
the slight gasp when the animal
breathes.)

(In an IM style ojr announcing:
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water millions of years ago.

The big cetaceans are called whales.
This one is ajr little one, about
about seven feet long, called a
dolphin

This dolphin is fas a laboratory.

(In white, dignified lettering, the
titles fade in:)

MAIN AND DOLPHIN
(Title fades. Beam of light moves.
Animal breathes.)
(Fade in below that:)
Filmed at the
COMMUNICATION RESEARCH INSTITUTE
Miami, Fla. and St. Thomas, V.I.
(Fade out. Fade in:)
Written and directed by
TED Ted Nelson
Based on the book by
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CRI: HOOHAH VARIOUSLY IN PROGRESS